

FAQ: Readi-Base® Brackets with eExact® Pre-Applied Adhesive

1. What type of adhesive is pre-applied to TPO® brackets?

eExact®, which is a light-cure adhesive. The adhesive allows ample working time, yet cures rapidly when exposed to blue light and has excellent bond strength.

2. Can the bracket be repositioned once placed on the tooth?

The bracket may be repositioned after initial placement using light pressure. Bracket may no longer be repositioned after pressure has been applied to spread adhesive across the bonding surface.

3. If there is a problem such as an accidental debond, can the eExact Pre-Applied Adhesive bracket be rebonded with a different adhesive?

Rebonding the bracket is not advised as the base could become damaged when debonding and would not bond to the enamel properly if reused. The safest and preferred method is to bond a new bracket (with the same part number).

4. Are there any special considerations in debonding?

Bond strength of TPO brackets with eExact Pre-Applied Adhesive is equal to that of traditional bonding. During debonding, the mesh base releases from the tooth, retaining the majority of the adhesive. The debonding instrument of choice is a ligature cutting plier.

5. What's the best way to store the brackets?

TPO brackets with eExact Pre-Applied Adhesive should be stored in unopened packages out of direct sunlight or strong artificial light in temperatures between 35°F and 80°F (2°C and 27°C). Packages should be protected from extreme fluctuations in temperature, and if possible, kits should be stored lying flat, facing upwards.

6. Does eExact Pre-Applied Adhesive contain fluoride?

Yes, eExact Pre-Applied Adhesive releases fluoride while curing.

7. Are TPO brackets with eExact Pre-Applied Adhesive compatible with all primers and sealants?

TPO Sealant is recommended, however, brackets with eExact Pre-Applied Adhesive are compatible with light-cure primers and sealants available for orthodontic bracket mounting.

WARNING: DO NOT use adhesion promoters or enhancers with any TPO bracket with a polymer base. These are not necessary and may result in damage to the enamel during debonding.

8. Is eExact Pre-Applied Adhesive moisture-resistant?

Moisture can contaminate the adhesive and lower bonding performance. The tooth surface should be thoroughly dried after conditioning, prior to applying sealant resin and bracket placement.

9. Can some brackets be saved in the original package following the bondup?

Each bracket is sealed in its own light-protective, foil-sealed pod. Unopened pods may be saved until the assigned expiration date. Once the pod is opened and resealed, the shelf life is compromised.

10. What is the shelf life for unopened packages of TPO brackets with eExact Pre-Applied Adhesive?

The shelf life for unopened brackets is 18 months from the date of manufacture. The expiration date is clearly visible on the product packaging.



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ClearVu® Polymer Mesh Base Bonding Process

ClearVu Cosmetic Brackets are designed with an exclusive polymer mesh base for patient safety and ease of debonding. Please review these guidelines and considerations carefully before bonding.

Recommended Bonding Process



- 1 Prophyl.
- 2 Rinse and dry.
- 3 Etch with 37% phosphoric acid for 20-30 seconds.
- 4 Rinse and dry.
- 5 Primer / sealant application — air can be used to “thin” it.
- 6 Apply light cure adhesive to the bracket.
- 7 Place bracket in desired position.
- 8 Remove excess adhesive.
- 9 Light cure per manufacturer’s instructions.

Do not use primers / sealants containing adhesion promoters or enhancers on any TPO bracket with a polymer base, as this may result in difficulty during debond.

